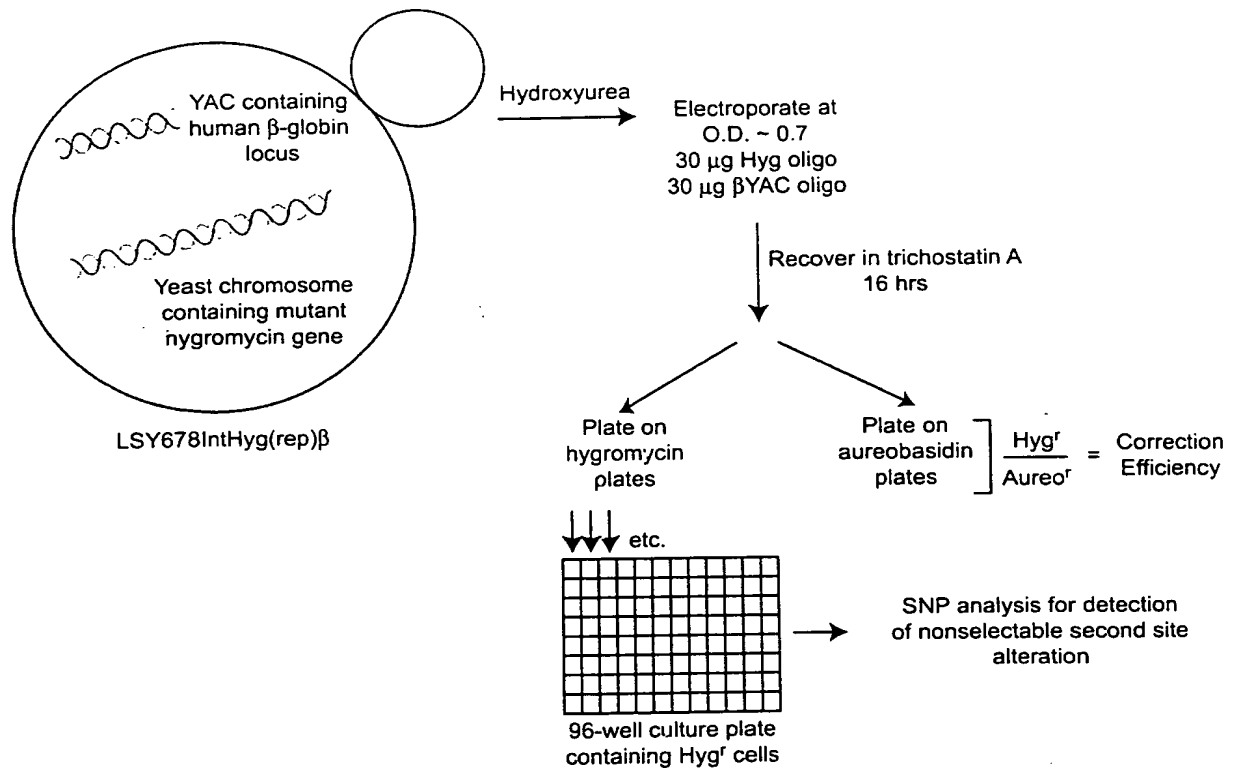


Fig. 1

A



B Hygromycin sequence

wt 5' ...GATGTAGGAGGGCGTGGATAIGTCCTGCGGGTAAATAGCTGC... 3'

mutant 5' ...GATGTAGGAGGGCGTGGATAGGTCTGCGGGTAAATAGCTGC... 3'

converted 5' ...GATGTAGGAGGGCGTGGATACGTCCTGCGGGTAAATAGCTGC... 3'

Hyg3S/74NT 5' G*T*A*GAAACCATCGGCGCAGCTATTTACCCGCAGGACGT
ATCCACGCCCTCCTACATCGAAGCTGAAAGCAC*G*A*G 3'

C

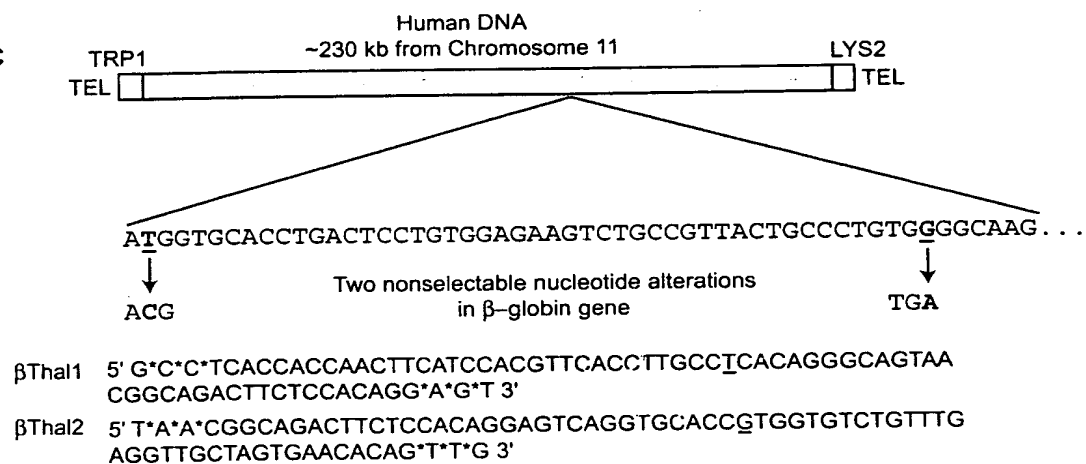
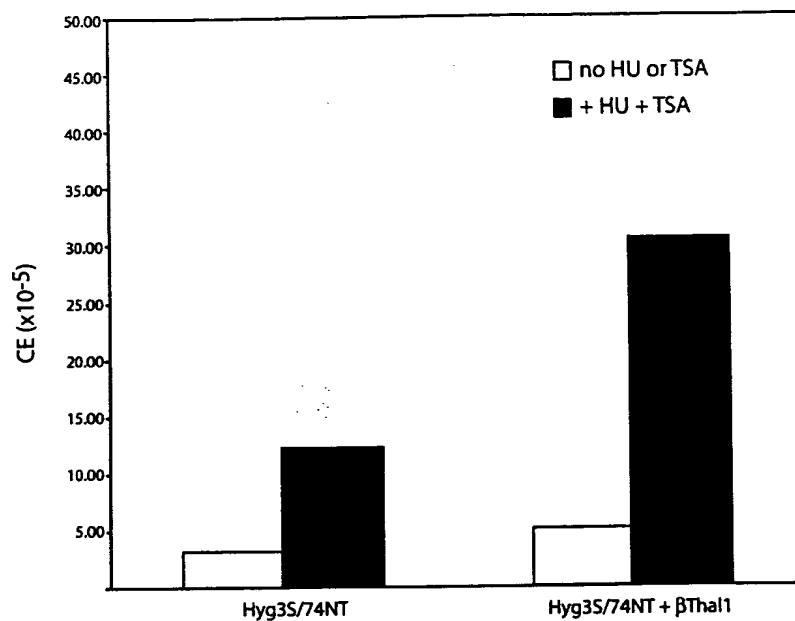


Fig. 2

A



B

... AGTCTGCCGTTACTGCCCTGTGGGGCAA...
 ↓
 ... AGTCTGCCGTTACTGCCCTGTGAGGCAA...

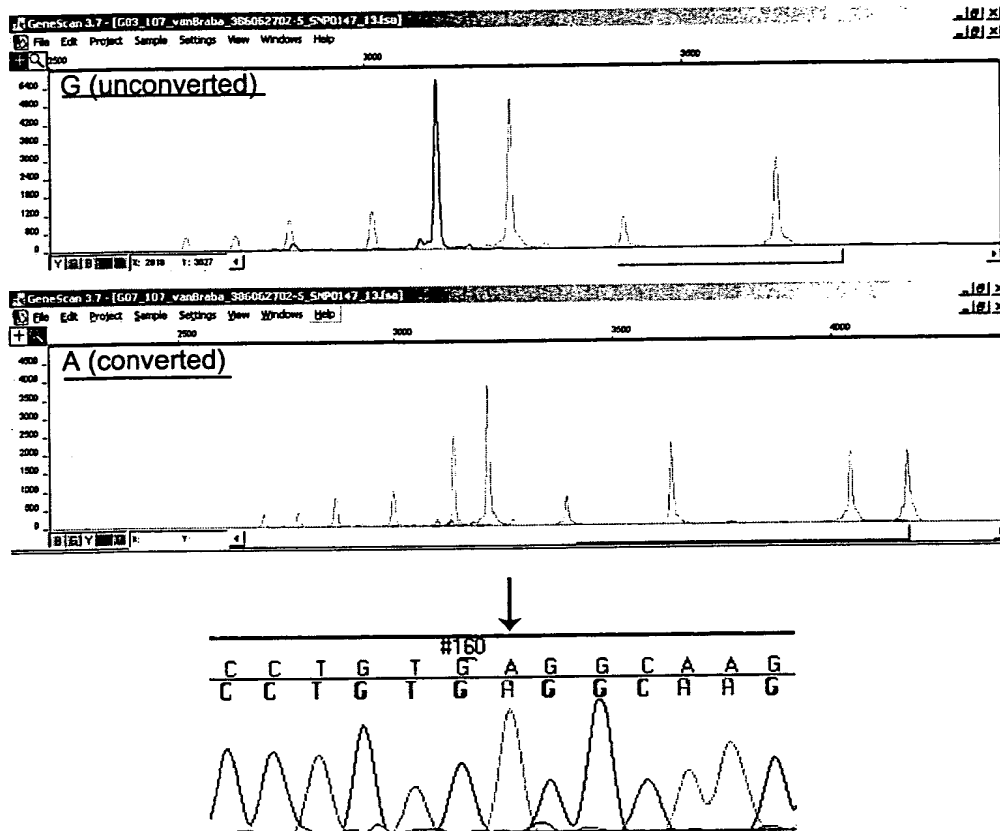
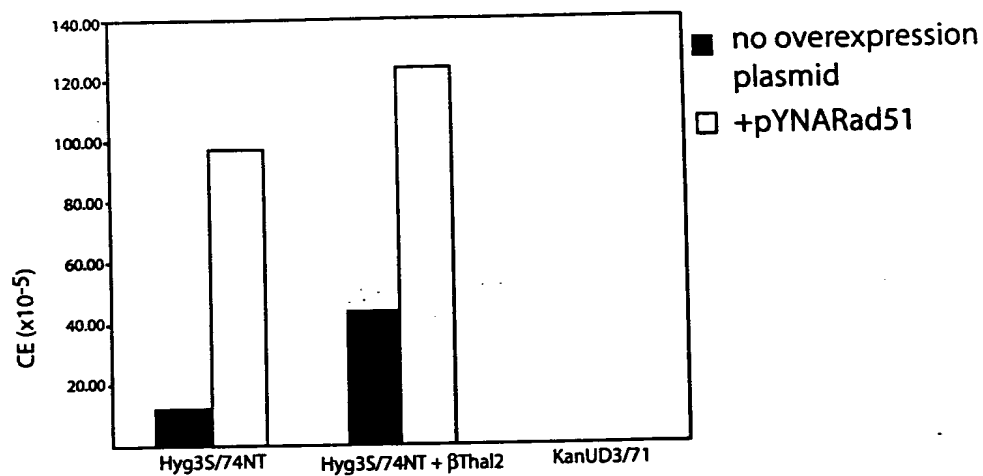


Fig. 3

A



B

...ATGGTGCACCTGACTCCTGTGGAGAAGTCTGCC...

↓

...ACGGTGCACCTGACTCCTGTGGAGAAGTCTGCC...

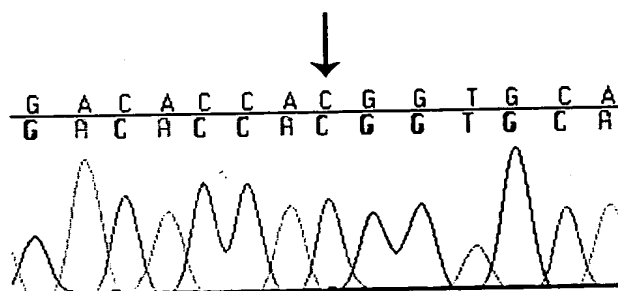
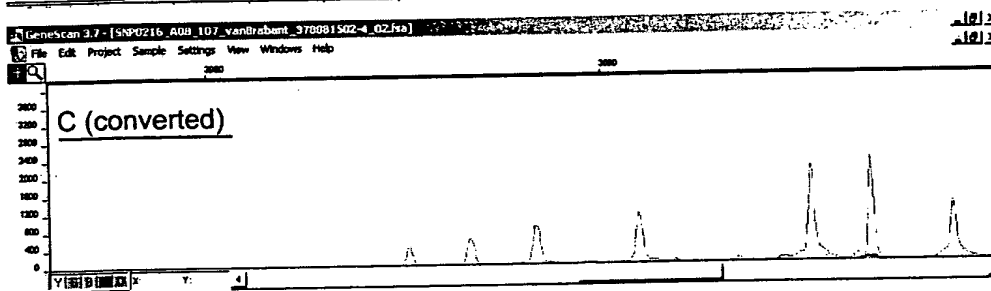
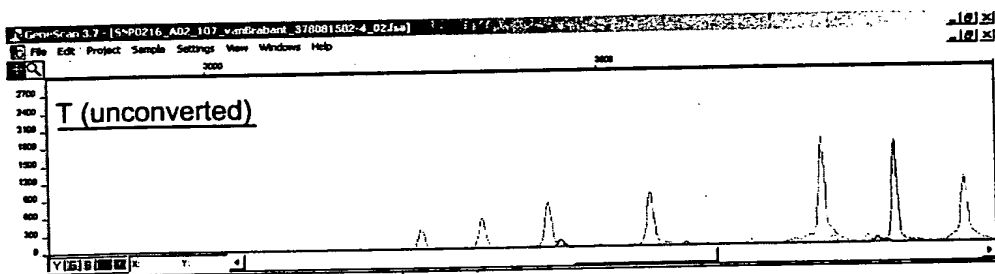


Fig. 4